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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/768,155	02/02/2004	Hideki Yamamoto	118540	7207

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EXAMINER
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HARRIS, ANTON B

ART UNIT	PAPER NUMBER
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2831

DATE MAILED: 05/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/768,155

Applicant(s)

YAMAMOTO

Examiner

Anton B Harris

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 02 February 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☒ Certified copies of the priority documents have been received in Application No. 10/768,155.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 02 February 2004.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-21 are rejected under 35 U.S.C. 102(b) as being anticipated by Honda et al. (5,430,608).

Regarding claim 1, Honda et al. (col. 10, lines 1-67) discloses an insulating sheet comprising:

a sheet portion 50, 52;

an opening portion 48 which allows air to pass therethrough;

and

a guide portion 61 which is erected.

Regarding claim 2, Honda et al. (col. 10, lines 1-67) discloses that the guide portion 61 is formed to continue from the sheet portion 50, 52.

Regarding claim 3, Honda et al. (col. 10, lines 1-67) discloses that the guide portion 61 is fixed along the opening portion 48.

Regarding claim 4, Honda et al. (col. 10, lines 1-67) discloses that the guide portion 61 is fixed to an end portion of the sheet portion 50, 52.

Regarding claim 5, Honda et al. (col. 10, lines 1-67) discloses that the guide portion 61 is a portion to form the opening portion 48.

Regarding claim 6, Honda et al. (col. 10, lines 1-67) discloses that the guide portion 61 includes:

- a first guide portion formed along the opening portion 48;
- and

- a second guide portion (connected to 1c). See discussion at col. 11 lines 20-26.

Regarding claim 7, Honda et al. (col. 10, lines 1-67) discloses an electronic apparatus comprising:

- a power supply board 44;
- a housing 1 in which the power supply board 44 and a harness 61 are disposed;
- a conductive bottom plate 1c which is attached to the housing 1 and includes an air inlet 48; and

- an insulating sheet 50, 52 including:
  - a sheet portion 50, 52;
  - an opening portion 48 which allows air flowing from the air inlet of the conductive bottom plate 1c to pass therethrough; and

- a guide portion (connected to 1c) which is erected and guides the harness 61, wherein: the insulating sheet 50, 52 is disposed between the power supply board 44 and the conductive bottom plate 1c.

Regarding claim 8, Honda et al. (col. 10, lines 1-67) discloses that the guide portion (connected to 1c) is formed to continue from the sheet portion 50, 52.

Regarding claim 9, Honda et al. (col. 10, lines 1-67) discloses that the guide portion (connected to 1c) is fixed along the opening portion 48.

Regarding claim 10, Honda et al. (col. 10, lines 1-67) discloses that the guide portion (connected to 1c) is fixed to an end portion of the sheet portion 50, 52.

Regarding claim 11, Honda et al. (col. 10, lines 1-67) discloses that the guide portion (connected to 1c) is a portion to form the opening portion 48.

Regarding claim 12, Honda et al. (col. 10, lines 1-67) discloses that the guide portion (connected to 1c) includes:

a first guide portion formed along the opening portion 48;  
and  
a second guide portion (connected to 1c).

Regarding claim 13, Honda et al. (col. 10, lines 1-67) discloses that the housing 1 includes a passage 19a, 19b which stores the harness 61;  
and

the guide portion (connected to 1c) is inserted into the passage 19a, 19b.

Regarding claim 14, Honda et al. (col. 10, lines 1-67) discloses that the guide portion (connected to 1c) is formed along a wall surface of the passage 19a, 19b.

Regarding claim 15, Honda et al. (col. 10, lines 1-67) discloses that a first partition wall 7b defining a power supply portion 43 in which the power supply board 44 is disposed;

a second partition wall 4a defining an isolation chamber,

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wherein:

wall surfaces of the passage 19a, 19b are the first partition wall 7b  
and the second partition wall 4a.

Regarding claim 16, Honda et al. (col. 10, lines 1-67) discloses an insulating sheet  
comprising:

a sheet portion 50, 52,  
an opening portion 48 which allows air to pass therethrough;  
and  
a guide portion (connected to 1c) which is erected and guides the harness 61.

Regarding claim 17, Honda et al. (col. 10, lines 1-67) discloses that the guide portion  
(connected to 1c) is formed to continue from the sheet portion 50, 52.

Regarding claim 18, Honda et al. (col. 10, lines 1-67) discloses that the guide portion  
(connected to 1c) is fixed along the opening portion 48.

Regarding claim 19, Honda et al. (col. 10, lines 1-67) discloses that the guide portion  
(connected to 1c) is fixed to an end portion of the sheet portion 50, 52.

Regarding claim 20, Honda et al. (col. 10, lines 1-67) discloses that the guide portion  
(connected to 1c) is a portion to form the opening portion 48.

Regarding claim 21, Honda et al. (col. 10, lines 1-67) discloses that the guide portion  
(connected to 1c) includes:

a first guide portion formed along the opening portion 48;  
and  
a second guide portion (connected to 1c).

*Conclusion*

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Honda et al. U.S. Patent No. 5,400,213 discloses an electronic device including a power supply and a guiding portion.

Honda et al. U.S. Patent No. 5,448,446 discloses an electronic device including a power supply, a storing portion, and a guiding portion.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anton B Harris whose telephone number is (571) 272-1976. The examiner can normally be reached on weekdays from 8:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Dean Reichard, can be reached on (571) 272-2800 ext 31. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

abh

5/17/04

 5/17/04

DEAN A. REICHARD  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800